

OIKE

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/005,499

DATE: 12/14/2001  
 TIME: 10:32:54

Input Set : A:\ES.txt  
 Output Set: N:\CRF3\12142001\I005499.raw

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5 <110> APPLICANT: Ghosh, Malabika  
 7 Tang, Y. Tom  
 9 Wang, Jian-Rui  
 11 Wang, Zhiwei  
 13 Zhao, Qing  
 15 Xu, Chongjun  
 17 Mulero, Julio J  
 21 <120> TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL SECRETED  
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 22 POLYPEPTIDES AND POLYNUCLEOTIDES  
 26 <130> FILE REFERENCE: HYS-46  
 C--> 30 <140> CURRENT APPLICATION NUMBER: US/10/005,499  
 32 <141> CURRENT FILING DATE: 2001-12-03  
 36 <150> PRIOR APPLICATION NUMBER: US 09/488,725  
 38 <151> PRIOR FILING DATE: 2000-01-21  
 42 <150> PRIOR APPLICATION NUMBER: US 09/552,317  
 44 <151> PRIOR FILING DATE: 2000-04-25  
 48 <150> PRIOR APPLICATION NUMBER: PCT/US00/35017  
 50 <151> PRIOR FILING DATE: 2000-12-22  
 54 <150> PRIOR APPLICATION NUMBER: US 09/620,312  
 56 <151> PRIOR FILING DATE: 2000-07-19  
 60 <150> PRIOR APPLICATION NUMBER: PCT/US00/34263  
 62 <151> PRIOR FILING DATE: 2000-12-26  
 66 <150> PRIOR APPLICATION NUMBER: US 09/496,914  
 68 <151> PRIOR FILING DATE: 2000-02-03  
 72 <150> PRIOR APPLICATION NUMBER: US 09/560,875  
 74 <151> PRIOR FILING DATE: 2000-04-27  
 78 <150> PRIOR APPLICATION NUMBER: PCT/US01/03800  
 80 <151> PRIOR FILING DATE: 2001-02-05  
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 110 <151> PRIOR FILING DATE: 2001-03-30  
 114 <150> PRIOR APPLICATION NUMBER: US09/728,952  
 116 <151> PRIOR FILING DATE: 2000-11-30  
 120 <150> PRIOR APPLICATION NUMBER: US 60/306,971  
 122 <151> PRIOR FILING DATE: 2001-07-21  
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 130 <170> SOFTWARE: PatentIn version 3.1  
 134 <210> SEQ ID NO: 1  
 136 <211> LENGTH: 480  
 138 <212> TYPE: DNA

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167 aaggaaaagg aagtaccact ggaggaagaa atgctaatac aatcagagaa aaaaacacaa 420
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241 gaaaagaaca agaaataaaa gaattcccct attcacctgg ctacaatcaa agttttacca 1500
243 cagcaagtac acaaacacca ccccagtgcc aactgccatc tatacatgta gaacaaactg 1560

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247 gccttgccctt ttaccagca cagacgaatg tatttcccag acctactcag ccatttgtca 1680
249 atagccgggg atctgttaga ggatgtactc gtgggtgggag attaataacc aattcctatc 1740
251 ggtcccttgg tggttataaa ggttttgata cttatagagg actcccttca atttccaatg 1800
253 gaaattatag ccagctgcag ttccaagcta gagagtattc tggagcacct tattcccaaa 1860
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259 ttaacagtgg tgactctgga caaggagact cccgtagcat gacctctgtg gatgtgccag 2040
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263 gaggttgcct ctcagcagcc agaacctcta atctggcccc tggaaacttta gaccaaccta 2160
265 ttgtgtttga tcttcttctg aacaacttag gagaaacttt tgatcttcag cttggtagat 2220
267 ttaattgccc agtgaatggc acttacgttt tcatttttca catgctaaag ctggcagtga 2280
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291 agagcacctc tcccgagcgg ccacggagag ccctgcaggc accgacccc acccttccca 180
293 cagccgcccc ggttacgcag aagccgcttc tgcaaggccc cgggggaggc tgacctgcgg 240
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307 tgccgcgccg accggtggtt tcgcgacct gaacagctac taaaagcgca aaagaaggcc 660
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311 caagttcagt atgtattgca gaacttgaca caggagcacg tacaaaaaga cttcaaaggg 780
313 ggtttgaatg gtgcagtgtt ttgcccctca aaagaacttg actacctcat taagttttca 840
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321 gttcccaaaa atgccaagga aaaggaagta cacttgagg aagaaatgct aatacaatca 1080
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337 tccaaagcag ggtatgttca agaggaacaa aagaaacagg agacaccaa gctgtggcca 1560
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341 atgcagagcg aacagaacac caccaagtaa tggaccactc ccatgtgtga agaacaggat 1680
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349 gtgcatcagc ctgtaggttc ttctcttacc cttccgaagg atccagtatt gaggaagaa 1920
351 aaactgcagg atctgatgac tcagattcaa ggaacttgta actttatgca agagtctgtt 1980
353 cttgactttg acaaacccttc aagtgcatt ccaacgtcac aaccgccttc agctactcca 2040
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357 ccgttacagg ctacttcttc tccagttact tgtagctcaa atgcttgctt ggttactacc 2160
359 gatcaggctt cttctggatc tgaaacagag tttatgacct cagagactcc tgaggcagca 2220
361 attccccag gcaagcaacc gtcttcaacta gcttctccaa atcctcccat ggcaaagggc 2280
363 tctgaacagg gcttccagtc acctccagca agtagtagtt cagtaaccat taacacagca 2340
365 ccctttcaag ccatgcagac agtgagtatg aaacatgaat ga 2382
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370 <211> LENGTH: 2913
372 <212> TYPE: DNA
374 <213> ORGANISM: Homo sapiens
378 <220> FEATURE:
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382 <222> LOCATION: (511)..(2913)
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393 atgctaaaaac ttgaggctga gaagaaaaag cttcgaacta tacttcaagt tcagtatgta 180
395 ttgcagaact tgacacagga gcacgtacaa aaagacttca aaggggggtt gaatggtgca 240
397 gtgtatttgc cttcaaaaga acttgactac ctcattaagt tttcaaaact gacctgccct 300
399 gaaagaaatg aaagtctgag tgttgaagac cagatggagc agtcatcctt gtacttttgg 360
401 gaccttttgg aaggtagtga gaaagcagtg gtaggaacga catacaaaca cttgaaggat 420
403 ctactgtcta aattgctgaa ctcaggctat tttgaaagta tcccagttcc caaaaatgcc 480
405 aaggaaaagg aagtaccact ggaggaagaa atg cta ata caa tca gag aaa aaa 534
406 Met Leu Ile Gln Ser Glu Lys Lys
407 1 5
409 aca caa tta tcg aag act gaa tct gtc aaa gag tca gag tct cta atg 582
410 Thr Gln Leu Ser Lys Thr Glu Ser Val Lys Glu Ser Glu Ser Leu Met
411 10 15 20
413 gaa ttt gcc cag cca gag ata caa cca caa gag ttt ctt aac aga cgc 630
414 Glu Phe Ala Gln Pro Glu Ile Gln Pro Gln Glu Phe Leu Asn Arg Arg
415 25 30 35 40
417 tat atg aca gaa gta gat tat tca aac aaa caa ggc gaa gag caa cct 678
418 Tyr Met Thr Glu Val Asp Tyr Ser Asn Lys Gln Gly Glu Glu Gln Pro
419 45 50 55
421 tgg gaa gca gat tat gct aga aaa cca aat ctc cca aaa cgt tgg gat 726
422 Trp Glu Ala Asp Tyr Ala Arg Lys Pro Asn Leu Pro Lys Arg Trp Asp
423 60 65 70
425 atg ctt act gaa cca gat ggt caa gag aag aaa cag gag tcc ttt aag 774
426 Met Leu Thr Glu Pro Asp Gly Gln Glu Lys Lys Gln Glu Ser Phe Lys
427 75 80 85
429 tcc tgg gag gct tct ggt aag cac cag gag gta tcc aag cct gca gtt 822
430 Ser Trp Glu Ala Ser Gly Lys His Gln Glu Val Ser Lys Pro Ala Val
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
Input Set : A:\ES.txt

Output Set: N:\CRF3\12142001\I005499.raw

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437 ccg gaa gag cag aag aag cag gag atc tcc aaa tcc aag cca tct cct      918
438 Pro Glu Glu Gln Lys Lys Gln Glu Ile Ser Lys Ser Lys Pro Ser Pro
439                               125                               130                               135
441 agc cag tgg aag caa gat aca cct aaa tcc aaa gca ggg tat gtt caa      966
442 Ser Gln Trp Lys Gln Asp Thr Pro Lys Ser Lys Ala Gly Tyr Val Gln
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445 gag gaa caa aag aaa cag gag aca cca aag ctg tgg cca gtt cag ctg      1014
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449 cag aaa gaa caa gat cca aag aag caa act cca aag tct tgg aca cct      1062
450 Gln Lys Glu Gln Asp Pro Lys Lys Gln Thr Pro Lys Ser Trp Thr Pro
451                               170                               175                               180
453 tcc atg cag agc gaa cag aac acc acc aag tca tgg acc act ccc atg      1110
454 Ser Met Gln Ser Glu Gln Asn Thr Thr Lys Ser Trp Thr Thr Pro Met
455 185                               190                               195                               200
457 tgt gaa gaa cag gat tca aaa cag cca gag act cca aaa tcc tgg gaa      1158
458 Cys Glu Glu Gln Asp Ser Lys Gln Pro Glu Thr Pro Lys Ser Trp Glu
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461 aac aat gtt gag agt caa aaa cac tct tta aca tca cag tca cag att      1206
462 Asn Asn Val Glu Ser Gln Lys His Ser Leu Thr Ser Gln Ser Gln Ile
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469 cag ctg ctg ccc agg aag ttg aac aca gaa ccc aaa gat gtg cct aag      1302
470 Gln Leu Leu Pro Arg Lys Leu Asn Thr Glu Pro Lys Asp Val Pro Lys
471                               250                               255                               260
473 cct gtg cat cag cct gta ggt tct tcc tct acc ctt ccg aag gat cca      1350
474 Pro Val His Gln Pro Val Gly Ser Ser Ser Thr Leu Pro Lys Asp Pro
475 265                               270                               275                               280
477 gta ttg agg aaa gaa aaa ctg cag gat ctg atg act cag att caa gga      1398
478 Val Leu Arg Lys Glu Lys Leu Gln Asp Leu Met Thr Gln Ile Gln Gly
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487                               315                               320                               325
489 gta gca tct aaa gaa caa aat ctg tcc agt caa agt gat ttt ctt caa      1542
490 Val Ala Ser Lys Glu Gln Asn Leu Ser Ser Gln Ser Asp Phe Leu Gln
491                               330                               335                               340
493 gag ccg tta cag gct act tct tct cca gtt act tgt agc tca aat gct      1590
494 Glu Pro Leu Gln Ala Thr Ser Ser Pro Val Thr Cys Ser Ser Asn Ala
495 345                               350                               355                               360
497 tgc ttg gtt act acc gat cag gct tct tct gga tct gaa aca gag ttt      1638

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 Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

## VERIFICATION SUMMARY

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L:30 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:1959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:5537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:157  
L:7391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:214  
L:7393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:214  
L:9831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:300  
L:11221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:345